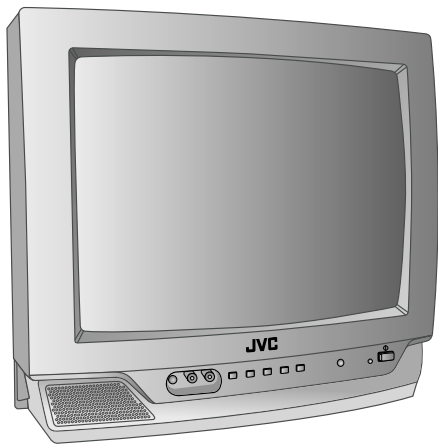


JVC

COLOUR TELEVISION

INSTRUCTIONS



AV-14AE19D

ENGLISH
DEUTSCH
TÜRKÇE
ROMÂNĂ
БЪЛГАРСКИ

Contents

Safety precautions.....	3
Connections	4
Initial settings.....	4

PREPARATION

Remote control buttons and functions	5
TV buttons and functions.....	5
Using the TV's MENU.....	6
Presetting TV channels	7
Using the timer	8
Playing game.....	8

FUNCTIONS

"CH/CC" List	9
Sound and Colour system in your country or region	9
Troubleshooting.....	10
Specifications	10

REFERENCE

Information for Users on Disposal of Old Equipment and Batteries

ENGLISH



Product



Battery

Notice:

The sign Pb below the symbol for batteries indicates that this battery contains lead.

[European Union]

These symbols indicate that the electrical and electronic equipment and the battery with this symbol should not be disposed of as general household waste at its end-of-life. Instead, the product should be handed over to the applicable collection point for the recycling of electrical and electronic equipment as well as batteries for proper treatment, recovery and recycling in accordance with your national legislation and the Directive 2002/96/EC and 2006/66/EC.

By disposing of these products correctly, you will help to conserve natural resources and will help prevent potential negative effects on the environment and human health which could otherwise be caused by inappropriate waste handling of these products.

For more information about collection points and recycling of these products, please contact your local municipal office, your household waste disposal service or the shop where you purchased the product.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

[Business users]

If you wish to dispose of this product, please visit our web page www.jvc-europe.com to obtain information about the take-back of the product.

[Other Countries outside the European Union]

These symbols are only valid in the European Union.

If you wish to dispose of these items, please do so in accordance with applicable national legislation or other rules in your country for the treatment of old electrical and electronic equipment and batteries.

Dear Customer,

This apparatus is in conformance with the valid European directives and standards regarding electromagnetic compatibility and electrical safety.

European representative of Victor Company of Japan, Limited is:

JVC Technical Services Europe GmbH

Posifach 10 05 04

61145 Friedberg

Germany

Thank you for buying this JVC colour television.
To make sure you understand how to use your new TV, please read this manual thoroughly before you begin.

Warning Please follow all the guidelines below

Follow this manual regarding setup!

- Connect only to a 220-240V, 50Hz AC outlet.

**Make enough room for inserting and removing the power plug!
Place the TV as close to the outlet as possible!**

- Even if the TV's power lamp is unlit, the main power supply is not cut on unless the power cord is unplugged. The main power supply for this TV is controlled by inserting or removing the power plug.

Never cut or damage the power cord!

- If the power plug is not the right shape, or the power cord is not long enough, use an appropriate plug adapter or extension cable. (Consult your retailer.)

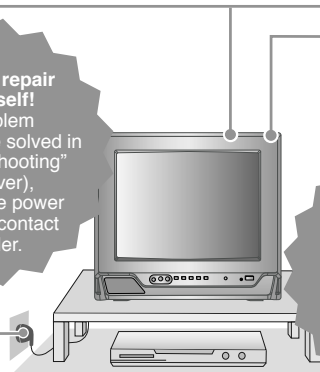


Do not allow the TV to fall!

- Do not rest your elbows on, or allow children to hang from the TV. There is a risk that the TV will fall and cause injuries.

Never try to repair the TV yourself!
→ If the problem cannot be solved in "Troubleshooting" (Back Cover), unplug the power cord and contact your retailer.

If the TV is damaged or behaving strangely, stop using it at once!
→ Unplug the power cord and contact your retailer.



Never place anything on the TV!

- Placing liquids, naked flames, cloths, paper, etc. on the TV may cause a fire.



Never expose to rain or moisture!

- To prevent fire or electric shock, never allow liquids to enter the unit.



Never insert objects into the cabinet openings!

- It may cause a fatal electric shock. Take care when children are near.



Never dismantle the rear cover!

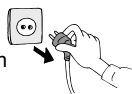
- It may cause an electric shock.

Never listen to headphones at high volume!

- It may damage your hearing.

Unplug the power cord when going out!

- The power buttons on the remote control and the TV unit cannot completely turn off the TV. (Make appropriate arrangements for bedridden people.)



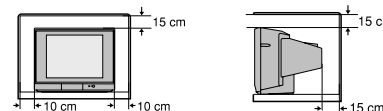
Handle TV with care!

- The surface of the TV screen is easily damaged. Be very careful with it when handling the TV. Should the TV screen become soiled, wipe it with a soft dry cloth. Never rub it forcefully. Never use any cleaner or detergent on it.

Do not carry the TV on your own!

- In order to prevent accidents, ensure that the TV is carried by two or more people.

- Never block or cover the ventilation openings.
- Never install the TV where good ventilation is unattainable.
- When installing this TV, leave spaces for ventilation around the TV of more than the minimum distances as shown.



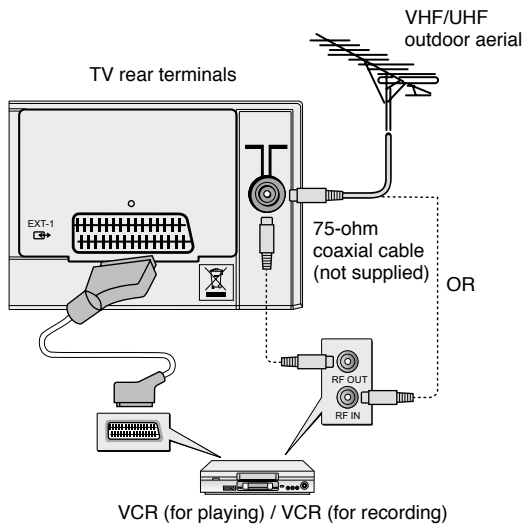
- For more details on installation, usage and safety → Consult your retailer.

Connections

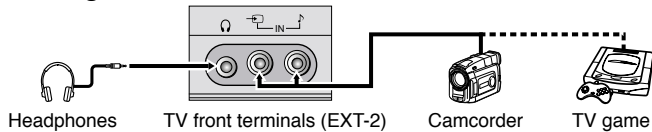
CAUTION

Ensure to turn off all equipments including the TV before connecting the AC mains plug to the AC outlet.

Connecting to the aerial cable and VCR



Connecting to the TV front terminals



After all the connections have been made, insert the mains plug to the AC outlet.

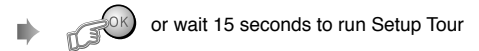


➔ 4

Initial settings

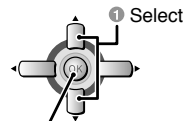
1 Turn on the TV.

JVC



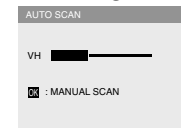
JVC logo appears.

2 Select a language.



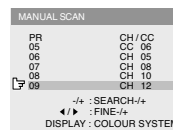
➔ Proceed to AUTO SCAN

Searching for the channels.



➔ to stop or wait until AUTO SCAN finishes

3 Search a channel manually or fine-tune a channel.



To perform manual search and fine-tune (FINE), ➔ page 7.

➔ MENU or AV
To complete Setup Tour

To restart Setup Tour after above setup has completed

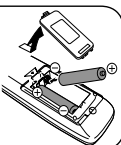


(while the cursor is pointing to PICTURE MODE and within 3 seconds)

If you press when LANGUAGE is displayed (Step 2), the screen will exit to MENU.

Remote control buttons and functions

- Insert two batteries by following the ⊕ and ⊖ polarities and inserting the ⊖ end first.
- Use AA/R6/UM-3 dry cell batteries.
- If the remote control does not work properly, fit new batteries. The supplied batteries are for testing, not regular use.



WARNING:

Batteries shall not be exposed to excessive heat such as direct sunshine, fire or the like.

Select PICTURE MODE (⇒ page 6)

RETURN PLUS function

Return to the frequently viewed channel.

Choose the channel you want to programme



RETURN PLUS
PROGRAMMED!

To cancel

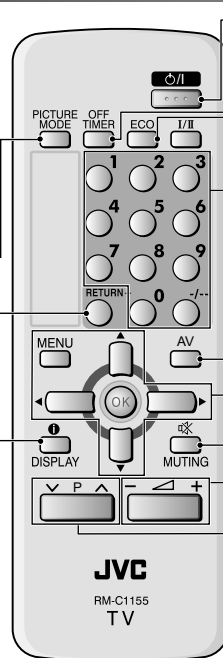


RETURN PLUS
CANCELED!

RETURN function

If you have not set or have canceled the RETURN PLUS channel, this will return to the previously viewed channel.

Display the programme number or video terminal number.

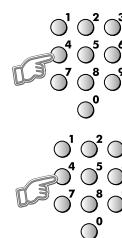


Turn the TV on from standby and vice versa

Set OFF TIMER (⇒ page 8)

Select ECO MODE (⇒ page 6)

Select programme number



For two digits programme number

Select TV → EXT-1 → EXT-2 → TV

Operating the menus (⇒ page 6)

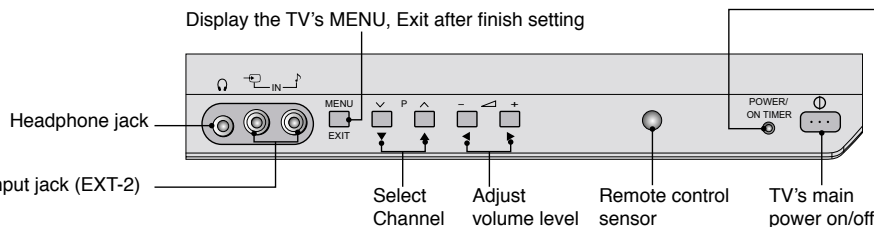
Turn the volume Off / On

Adjust the volume level, Turn off Muting

Select the desired channel number

TV buttons and functions

Display the TV's MENU, Exit after finish setting



POWER lamp - Indicates the TV's status.

No colour : TV's main power is being turned off.

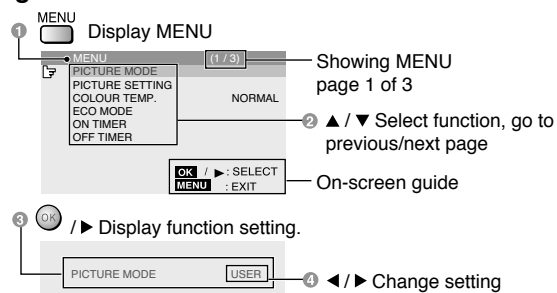
Red : TV's main power is being turned on.

Blink : While the TV is in standby mode ON TIMER function is in used. While the TV is in turn on mode, OFF TIMER function is in used.

Note: When you turn off the power switch while TV is in standby mode, the power lamp will go off in 5 -10 seconds. When you operate the TV, POWER Lamp will blink.

Using the TV's MENU

Operating the menus



MENU	Item	Description (Setting / Adjustment)
PICTURE MODE	USER	Change picture settings (⇒ PICTURE SETTING)
	VIVID	Heightens contrast and sharpness
	SOFT	Softens contrast and sharpness
	CONTRAST	Adjust contrast (Lower ↔ Higher)
PICTURE SETTING	BRIGHTNESS	Adjust brightness (Darker ↔ Brighter)
	SHARPNESS	Adjust sharpness (Softer ↔ Higher)
	COLOUR	Adjust colour (Lighter ↔ Deeper)
	HUE	Adjust colour tint (Reddish ↔ Greenish)
	RESET	Reset all items level to center
	NORMAL	Normal white balance
COLOUR TEMP.	COOL	Bluish white
	WARM	Reddish white

ECO MODE	OFF	Cancel the function
■ Adjust picture contrast according to room brightness	ECO-1	Mild contrast (recommended)
	ECO-2	Even contrast
ON TIMER	Turns on the TV from standby mode (⇒ page 8)	
OFF TIMER	Turns off the TV to standby mode (⇒ page 8)	
AI VOLUME	ON	Sets the volume level for all channels and video inputs automatically depends on the strength of signal from the source.
	OFF	Volume can be adjusted individually for each channel
CHILD LOCK	ON	Disable the front buttons of the TV
	OFF	Cancel the function
BLUE BACK	ON	Displays a blue screen and mutes the sound when signal from the aerial is weak or absent
	OFF	Cancel the function
VNR	AUTO	Effect of VNR is automatically controlled
■ To reduces the picture noise	MIN	Effect of VNR becomes minimum
	MAX	Effect of VNR becomes maximum
	OFF	Cancel the function
GAME	Select a game to play (PUZZLE / TWINS) (⇒ page 8)	
LANGUAGE	Choose your desired on screen display language.	
AUTO SCAN	Automatically registers channels (⇒ page 7)	
MANUAL SCAN	Manually search channels and fine-tunes channels (⇒ page 7)	
INSERT / DELETE	Add, delete and move registered channels (⇒ page 7)	
COLOUR SYSTEM	Select the appropriate system	
	In RF mode	: AUTO / PAL / SECAM
	In VIDEO mode	: AUTO / PAL / SECAM / NTSC 3.58 / NTSC 4.43

Presetting TV channels

AUTO SCAN

- 1 → **AUTO SCAN**
- 2 or →
- 3 to stop or when AUTO SCAN finishes.
- 4 MANUAL SCAN screen appears (→ MANUAL SCAN).

MANUAL SCAN

- 1 → **MANUAL SCAN**
- 2 or →
- 3

To search for a channel manually (SEARCH)	1. Select the PR number you wish to store the channel. . 2. Press the button to start searching from the present channel. Searching stops when the following channel is found.
To fine-tune a channel (FINE)	1. Select the channel you wish to fine-tune. 2. Press the or button until a clear picture is obtained.

- 4 to exit.

INSERT / DELETE

After this operation, other channel's PR number will be changed.

- 1 → **INSERT / DELETE**
- 2 or →
- 3

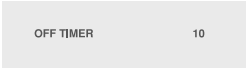
To add the new channel (INSERT)	1. Select the PR number you wish to store the new channel. . 2. Press the button. 3. Press to choose "CH" or "CC". 4. Enter the CH/CC number for the channel you wish to add. The TV starts to search for the channel. Certain channels are not available in some countries. If you cannot receive a channel by INSERT, use MANUAL SCAN. • Refer to "CH/CC List" (→ Page 9)
To delete a channel (DELETE)	Select the channel you wish to delete and press .
To change the PR number (MOVE)	1. Select the PR number you wish to move. 2. Press the . 3. Press or button to move it to the new PR number. 4. Press .
- 4 to exit.

Using the timer

ON TIMER

- 1 **MENU** → **ON TIMER**
- 2  or  → 
- 3 Choose the PR (channel) that you want to watch when the TV turns on. External input, AV position and any un-preset channel cannot be chosen for PR.
- 4 Set the ON TIMER to your desired period of time. When the ON TIMER is set to other than 00:00, the ON TIMER is activated. You can set the period of time to a maximum of 12 hours in 15-minute intervals.
- 5 To off the ON TIMER, set the time to 00:00.

OFF TIMER

- 1 **MENU** → **OFF TIMER** →  → 
- Note You can select OFF TIMER function by direct key. 
- 2 You can set the period of time to a maximum of 120 minutes in 10 minutes intervals.
 - 3 You can display the OFF TIMER screen again to confirm or change the remaining time.
 - 4 To off the OFF TIMER, select OFF or turn off the TV's main power.

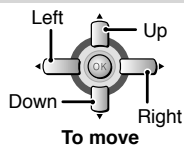
➔ 8

Playing game

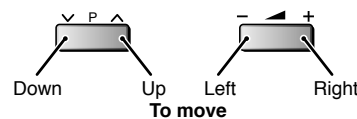
- 1 **MENU** → **GAME**
- 2 Select a game.

PUZZLE	This game needs you to rearrange the numbers 1 to 15 in order by swapping the blank card with the numbered card.
TWINS	This game needs you to find all the matching pairs of cards. If you open a correct pair, the card will stay uncovered. If you miss, they will flip back.

Instructions to play



OR



To open a card (TWINS only)



To restart the game



To exit the game

“CH/CC” List

To use the INSERT function (P. 7), find the “CH/CC” number corresponding to the TV’s Channel number from this table.

CH	Channel	CH	Channel	CC	Channel	CC	Channel
CH 02/CH 202	E2, R1	CH 40/CH 240	E40, R40	CC 01/CC 201	S1	CC 31/CC 231	S31
CH 03/CH 203	E3, ITALY A	CH 41/CH 241	E41, R41	CC 02/CC 202	S2	CC 32/CC 232	S32
CH 04/CH 204	E4, ITALY B, R2	CH 42/CH 242	E42, R42	CC 03/CC 203	S3	CC 33/CC 233	S33
CH 05/CH 205	E5, ITALY D, R6	CH 43/CH 243	E43, R43	CC 04/CC 204	S4	CC 34/CC 234	S34
CH 06/CH 206	E6, ITALY E, R7	CH 44/CH 244	E44, R44	CC 05/CC 205	S5	CC 35/CC 235	S35
CH 07/CH 207	E7, ITALY F, R8	CH 45/CH 245	E45, R45	CC 06/CC 206	S6	CC 36/CC 236	S36
CH 08/CH 208	E8, R9	CH 46/CH 246	E46, R46	CC 07/CC 207	S7	CC 37/CC 237	S37
CH 09/CH 209	E9, ITALY G	CH 47/CH 247	E47, R47	CC 08/CC 208	S8	CC 38/CC 238	S38
CH 10/CH 210	E10, ITALY H, R10	CH 48/CH 248	E48, R48	CC 09/CC 209	S9	CC 39/CC 239	S39
CH 11/CH 211	E11, ITALY H+1, R11	CH 49/CH 249	E49, R49	CC 10/CC 210	S10	CC 40/CC 240	S40
CH 12/CH 212	E12, ITALY H+2, R12	CH 50/CH 250	E50, R50	CC 11/CC 211	S11	CC 41/CC 241	S41
CH 21/CH 221	E21, R21	CH 51/CH 251	E51, R51	CC 12/CC 212	S12	CC 75/CC 275	X
CH 22/CH 222	E22, R22	CH 52/CH 252	E52, R52	CC 13/CC 213	S13	CC 76/CC 276	Y, R3
CH 23/CH 223	E23, R23	CH 53/CH 253	E53, R53	CC 14/CC 214	S14	CC 77/CC 277	Z, ITALY C, R4
CH 24/CH 224	E24, R24	CH 54/CH 254	E54, R54	CC 15/CC 215	S15	CC 78/CC 278	Z+1, R5
CH 25/CH 225	E25, R25	CH 55/CH 255	E55, R55	CC 16/CC 216	S16	CC 79/CC 279	Z+2
CH 26/CH 226	E26, R26	CH 56/CH 256	E56, R56	CC 17/CC 217	S17		
CH 27/CH 227	E27, R27	CH 57/CH 257	E57, R57	CC 18/CC 218	S18		
CH 28/CH 228	E28, R28	CH 58/CH 258	E58, R58	CC 19/CC 219	S19		
CH 29/CH 229	E29, R29	CH 59/CH 259	E59, R59	CC 20/CC 220	S20		
CH 30/CH 230	E30, R30	CH 60/CH 260	E60, R60	CC 21/CC 221	S21		
CH 31/CH 231	E31, R31	CH 61/CH 261	E61, R61	CC 22/CC 222	S22		
CH 32/CH 232	E32, R32	CH 62/CH 262	E62, R62	CC 23/CC 223	S23		
CH 33/CH 233	E33, R33	CH 63/CH 263	E63, R63	CC 24/CC 224	S24		
CH 34/CH 234	E34, R34	CH 64/CH 264	E64, R64	CC 25/CC 225	S25		
CH 35/CH 235	E35, R35	CH 65/CH 265	E65, R65	CC 26/CC 226	S26		
CH 36/CH 236	E36, R36	CH 66/CH 266	E66, R66	CC 27/CC 227	S27		
CH 37/CH 237	E37, R37	CH 67/CH 267	E67, R67	CC 28/CC 228	S28		
CH 38/CH 238	E38, R38	CH 68/CH 268	E68, R68	CC 29/CC 229	S29		
CH 39/CH 239	E39, R39	CH 69/CH 269	E69, R69	CC 30/CC 230	S30		

Sound and Colour system in your country or region

Area	Country or Region	Sound System	Colour System
Europe	Germany, Holland, Belgium, etc.	B/G	PAL
	UK, etc.	I	
	Czech Republic, Poland, etc.	D/K	SECAM
	Russia, etc.		
Asia, Middle East	Bahrain, Kuwait, Oman, Qatar, United Arab Emirates, Yemen, etc. Indonesia, Malaysia, Singapore, Thailand, India, etc	B/G	PAL
	China, Vietnam, etc.	D/K	
	Hong Kong, etc.	I	
	Islamic Republic of Iran, Lebanon, Saudi Arabia, etc.	B/G	SECAM
	Philippines, Taiwan, Myanmar, etc.	M	NTSC
	Oceania	Australia, New Zealand, etc.	B/G
Africa	Republic of South Africa, etc.	I	PAL
	Nigeria, etc.	B/G	
	Egypt, Morocco, etc.		SECAM

Troubleshooting

If a problem occurs when you are using the TV, check the below troubleshooting guide before calling for repair.

Problem	Cause / Solution
No or poor picture	• Turn OFF BLUE BACK if it is ON. (➡ page 6) • Adjust the COLOUR or BRIGHT setting. Refer to "PICTURE SETTING". (➡ page 6) • Choose the appropriate colour system. (➡ page 6)
Snowy picture	• Check the aerial and TV connections. (➡ page 4)
Stripes or coloured patches appeared	• Interference caused by electrical appliances or speakers. Move them away from the TV.
Double-picture (ghosting)	• Interference caused by signal reflecting from mountains or buildings. Adjust the aerial's direction or use another antenna.
White and bright still image looks as if it is coloured	• Inevitable phenomenon due to the nature of the picture tube. This is not a malfunction.
Image from video input is distorted	• The image was not properly recorded. This is not a malfunction.
Cannot operate the remote control	• Replace the batteries. (➡ page 5) • Operate it at less than 7 meters from the TV.
Cannot operate the MENU	• Exit and enter the MENU again.
Cannot operate the front panel buttons	• Turn OFF CHILD LOCK if it is ON.
Image takes a while to be displayed	• Image requires time to stabilize before display. This is not a malfunction.
TV emits crackling sound	• Caused by a sudden change in temperature and it is not a malfunction. Call a service technician for inspection.
Static shock when touch the TV screen	• Caused by static electricity of the picture tube and it will not harm the human body. This is not a malfunction.
The TV turns off suddenly	• This is not a malfunction. If you had set the BLUE BACK function to ON, TV will be turned off automatically when no signals are received from an antenna for about 15 minutes or longer.

Specifications

Main unit	
Model	AV-14AE19D
Broadcasting systems	B, G only
Colour systems	RF Mode : PAL, SECAM VIDEO Mode : PAL, SECAM, NTSC 3.58 MHz, NTSC 4.43 MHz
Channels and frequencies	E2-E12 / E21-E69, F2-F10 / F21-F69, IR A-IR J, ITALY A-H / H+1 / H+2, R1-R12 / R21-R69, S1-S4, X / Y / Z / Z+1 / Z+2
Power requirements	AC 220 to 240 V, 50 Hz
Audio output (Rated power output)	3 W
Speakers	8 cm x 1
Power consumption [standby]	54 W [4.5 W]
Screen size (Visible area size measured diagonally)	33.54 cm
Dimensions (W x H x D : mm)	374 x 337.5 x 373
Weights	8.5 kg
Headphone jack	Stereo mini jack (3.5 mm in diameter)

Terminals / Connectors				
Terminal name		Terminals type	Signal type (IN)	Signal type (OUT)
Input / Output terminals	EXT-1	Euroconnector x 1 (SCART connector)	Composite video, AUDIO (Mono)	Composite video, AUDIO (Mono)
	EXT-2 (TV front terminals)	RCA connector x 2	Composite video, AUDIO (Mono)	

Design and specifications are subject to change without notice.

JVC